

View Online at <https://aerobasegroup.com/nsn/5961-01-342-0758>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.975 inches and 1.218 inches

**Function For Which Designed:**

Switching

**End Application:**

Tactical air operations central an/tyq-2 (v) 1

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

**Joint Electronic Device Engineering Council/jedec/case Outline Designation:**

To-59

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case and electrostatic sensitive

**Overall Width Across Flats:**

Between 0.424 inches and 0.437 inches

**Thread Size:**

0.190 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

80.0 breakdown voltage, collector-to-emitter, base open

**Current Rating Per Characteristic:**

5.00 amperes source cutoff current

**Power Rating Per Characteristic:**

20.0 watts small-signal input power, common-collector absolute

**Transfer Ratio:**

50.0 static forward current transfer ratio, common-emitter and 150.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

3 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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